SIS
Sukra Infotek
Futuristic Solutions

RAKSHA

Security. Dignity. On Demand.

AI-Driven Solar Safety Pendant

Empowering Women's Safety with Predictive Intelligence, Sustainability, and Reliability

Raksha - AI-Driven Solar Safety Pendant

At **Sukra Infotek Pvt. Ltd.**, we are building India's first AI-driven, solar-powered women's safety wearable designed to provide real-time protection, autonomous distress detection, and verified institutional response. Our expertise lies in integrating multi-sensor IoT hardware, Agentic AI, and secure cloud ecosystems to create a dependable safety network that works across urban environments, rural regions, workplaces, transit routes, and domestic settings.

Sukra Infotek's Raksha ecosystem combines advanced sensor intelligence, predictive AI models, and robust system engineering to ensure reliable, verifiable, and action-ready safety alerts that women, families, corporates, and government stakeholders can confidently depend on.

Our Core Competence

AI-Driven Distress Detection
Multi-sensor monitoring of heart rate, temperature, motion, and tamper events, autonomous detection of panic, aggression, fall, or unconsciousness without the need for mobile interaction.

Solar-Powered IoT Hardware
Lightweight pendant with integrated poly-silicon solar layer, supports 7-day standby, ideal for rural and low-connectivity zones.

LoRa/eSIM Offline Connectivity
Secure encrypted transmission even without mobile network, reliable in deep rural belts, factories, and high-density zones.

Police Dashboard Integration
Live GIS tracking, verified case logging, dispatch management, impact reporting for CSR and government departments.

Predictive Agentic AI
Bayesian distress scoring, behavior baseline learning, hotspot mapping, trend prediction for domestic and public-space risk zones.

Health and Vitals Monitoring
Continuous physiological analysis, alert triggering for high-risk scenarios including fainting, medical distress, and stress indicators.

Domestic Safety

Autonomous detection of high-risk patterns including elevated vitals and force impact, silent alerts to police and caregivers.

Workplace & Night-Shift Safety

Voice-activated alerting, corporate security integration. Elderly Care, early detection of fainting or abnormal vitals, ambulance routing, caregiver notification.

Impact & Safety Use Cases

Urban Mobility

Route deviation detection, live tracking during cab or bus transit, early warning and escalation.

Rural Field Safety

LoRa-based alerting, solar-powered self-sufficiency, ideal for low-network regions.

Our Targets

Rural India
High-Risk Areas

➜ Delayed access to help
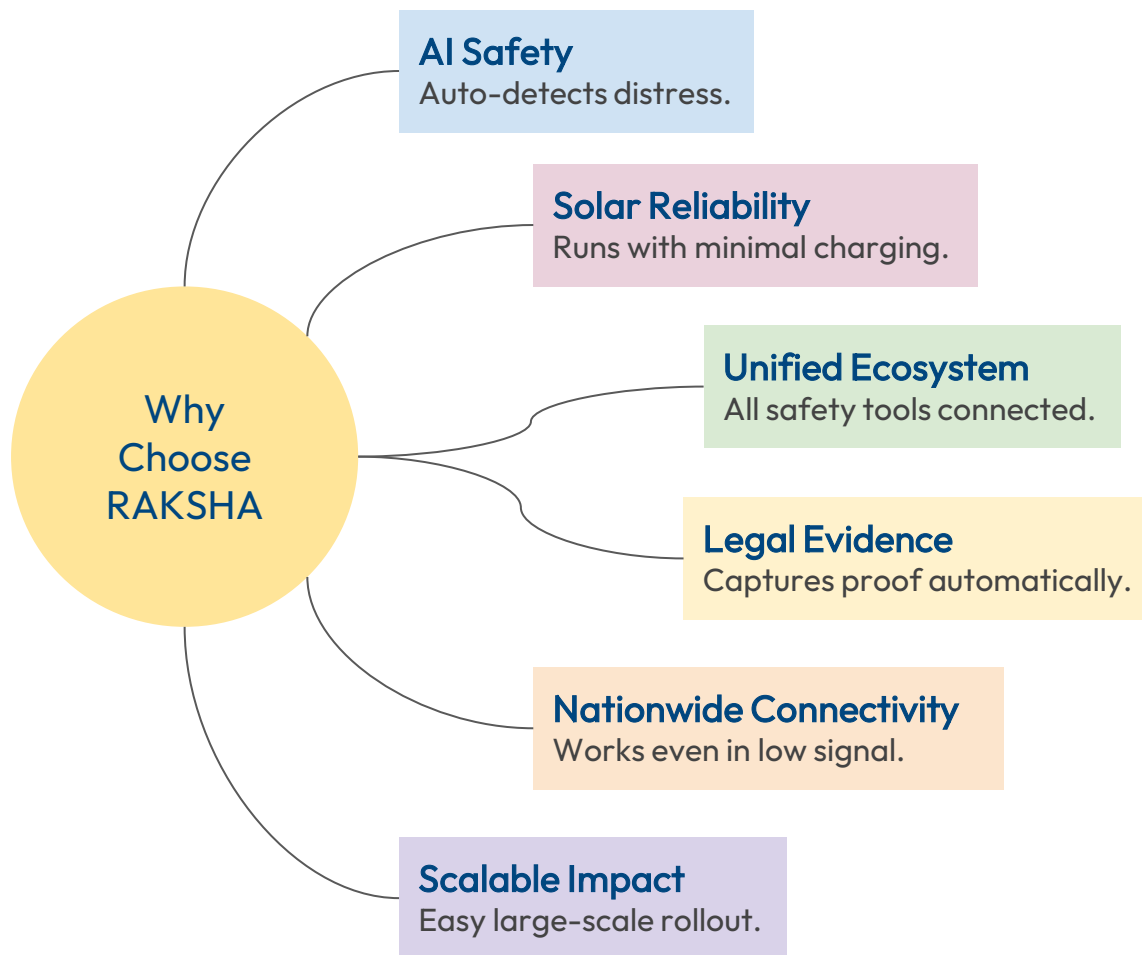➜ Risky daily travel
➜ Hesitant to report

Urban Women
Professionals, Students, Homemakers

➜ Safe work travel
➜ Quick student help
➜ Easy home assistance

Institutions
Employers, Colleges, Agencies

➜ Employee safety support
➜ Campus safety coverage
➜ Government safety programs

AI Safety
Auto-detects distress.

Solar Reliability
Runs with minimal charging.

Unified Ecosystem
All safety tools connected.

Why Choose RAKSHA

Legal Evidence
Captures proof automatically.

Nationwide Connectivity
Works even in low signal.

Scalable Impact
Easy large-scale rollout.

Our Business Model

App Subscriptions: Premium Safety Features

→ **Free Plan:** SOS alert + basic location tracking.
→ **Premium Safety:** Live monitoring, auto-alerts for unusual movement, virtual escort, and police-linked panic button.
→ **Business Model:** Converts safety devices into recurring subscription revenue.

Institutional Sales: Bulk Orders to Enterprises and Universities

→ **Corporate Sales:** Bulk supply for companies ensuring night-shift and employee safety.
→ **Campus Solutions:** Custom setups for colleges to protect students.
→ **Govt Partnerships:** Large-scale deployments for public-sector safety programs, boosting reach and credibility.

The Sukra Advantage ✓

Engineering-Led Problem Solving	Led by teams with strong foundations in embedded systems, AI, safety engineering, and real-world operational experience across high-impact industries.
Proven Multidisciplinary Capability	Unique blend of hardware design, AI model development, cloud platforms, mobility apps, and ecosystem integration delivered under a unified execution framework.
End-to-End Ownership	From product design and prototyping to deployment, monitoring, analytics, and lifecycle support everything handled in-house with strict QA governance.
Scalable Delivery Infrastructure	Partner network across manufacturing, data engineering, police-tech integration, and community outreach enables rapid expansion across states.
Strong Institutional Collaboration	Established working relationships with government departments, police units, NGOs, community groups, and CSR organizations for ground-level adoption.

Partner with Sukra Infotek to build India's first nationwide AI safety grid for women.

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Reach us to discuss how our safety intelligence and device validation expertise can strengthen your women-safety initiatives.